

INSTALLATION GUIDE – EXPONA DESIGN

1. GENERAL INFORMATION

When installing design floorcoverings always follow current standards for the installation of floorcoverings (AS/NZ1884 in Australia, New Zealand or other relevant national standards), also best current installation practice incorporating the latest technical developments should be employed.

Subfloor preparation and use of correct subfloor materials are essential if the performance benefits from the floorcovering being used are to be fully realized. For guidance refer to the instructions provided by the manufacturers of these materials (such as primers, underlays, adhesives etc.). It is important that all the materials used in the subfloor system are compatible, and wherever possible from one manufacturer.

Polyflor Australia provides a one system solution using Kiesel Screeds and Adhesives.

On receipt of materials, check that colours correspond to those ordered and that there is no damage or visual defect in the material. In particular, check that the material is from one batch. Claims for visual defects can only be accepted prior to installation and cutting.

2. TESTING AND PREPARATION OF SUBFLOORS

Subfloors should be tested and prepared according to current standards for the installation of floorcoverings (AS/NZ1884 in Australia, New Zealand or other relevant national standards). Prior to laying, ensure that the subfloor surface is clean, dry, even, smooth, and free from cracks. Make sure that the subfloor does not suffer from rising damp or hydrostatic pressure. Prior to installation the moisture content of the subfloor must be established to ensure that it conforms to the parameters set in AS/NZ1884 or in other relevant national standards.

A smooth, even and absorbent surface is necessary for correct installation of the flooring. It is principally recommended that a floor smoothing underlayment of 2.0 mm such as Kiesel FS101 be applied prior to the laying of design floorcoverings.

In installations where underfloor heating is used please contact Polyflor Australia on 1800 777 425 for guidance on conditioning, installation and commissioning of the underfloor heating prior to installation.

NOTE: MAINTAIN TEMPERATURE CONTROL

The temperature control of the environment that the installation is to be performed in must remain constant. The temperature must not be allowed to fluctuate for 24 hours prior and for a minimum 24 hours after. If the installation temperature can be affected by Easterly or Westerly sunlight, measures should be taken to "block out" the windows during the installation and for a period of 48 hours after whilst the adhesive achieves cure.

3. INSTALLATION

When installing design floorcoverings always follow current standards (AS/NZ1884 in Australia and New Zealand or other relevant national standards) also best current installation practice incorporating the latest technical developments should be employed.

Before installation, the floor covering shall be stacked within or near the installation area for a period not less than 24 hours or until such time as the product has achieved ambient room temperature range of 18°C to 28°C in which it is to be installed in.

Under normal conditions with an outside temperature above 12°C the tiles should be off-loaded from the pallet and stacked no more than five boxes high during the conditioning period. The stacks should be arranged to allow the air to circulate around the stack on all sides. In cold weather where there is an outside temperature below 12°C the boxes should be opened and the tiles spread out in the area where they are to be installed. This will permit the tiles to acclimatize quicker to the environment they are to be installed in.

It is advisable to plan the layout of the room to maximize the visual appearance of the installed floor. Measure the room concerned in both directions. Mark a chalk centerline, ensuring that it is square to the wall with the main doorway, loose lay the tiles to check that no small cuts will be required at the perimeter, then chalk another line square to the first one and repeat the process of loose laying to ensure that no small perimeter cuts are required.

Polyflor Australia recommends Kiesel Star100 as the approved adhesive for installation of the Expona range. The adhesive should be applied using a V1 notched trowel as recommended by the adhesive manufacturer. It is recommended to use approved dispersion adhesives. Adhesive manufacturers provide details of the open time and their instructions should be followed. Ideally, the floor area should be divided into small sections leaving the perimeter tiles unadhered until the main body has been installed. When a section has been installed it should be thoroughly rolled in both directions with an articulated roller to ensure full transfer of the adhesive to the back of the product.

The planks should be fitted together tightly but without undue pressure, the perimeter tiles should be fitted last ensuring that they do not apply any pressure to the adjacent tiles.

After a period of 45 – 60 minutes (depending on the site conditions) roll the floor again with an articulated roller.

Early trafficking should be avoided, as this will disturb the adhesive bond.

**For further information please call Customer Service on:
Australia 1800 777 425 or New Zealand 0800 425 783**